

## ABSTRACT OF THE DISCLOSURE

An image forming apparatus operates in such a way that when the conditions of toner changes due to changes in environmental conditions, changes with age, and replacement of an EP cartridge, the bias voltages for a charging roller, a developing roller, and a toner-supplying roller are set appropriately. An electrostatic latent image can be formed on a photoconductive body. The developing roller causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image. The toner-supplying roller supplies the developer to the developing roller. The current measuring section measures a current flowing through at least one of the developing roller and the toner-supplying roller. An voltage-setting section sets at least one of the developing roller and the toner-supplying roller to a corresponding one of first voltages, the first voltages being set in timed relation with development of the electrostatic latent image.